Application No.: 10/072,873 Docket No.: 05129-00082-US

## **AMENDMENTS TO THE CLAIMS**

1. (Currently amended) A process in gaseous phase to obtain CFC 113a starting from CFC 113, wherein CFC 113, optionally diluted with a gas inert under reaction conditions, is let flow on a catalyst consisting of aluminum fluoride in a fixed or fluidized bed at a reaction temperature of from 50°C to 280 °C less than 200°C wherein the content of residual CFC-113 in the obtained CFC-113a in the final reaction mixture is lower than 1% by weight based on CFC-113a and CFC-113 present in the mixture.

- (Original) A process according to claim 1, wherein CFC 113 is used in admixture with CFC 113a.
- 3. (Previously presented) A process according to claim 1, wherein the fed CFC 113 amount, expressed as weight ratio between CFC 113/(catalyst x hour), is in the range 0.5-1.5.
- 4. (Currently amended) A process according to claim 1, wherein the aluminum fluoride is obtained by fluorination of fluorinating an aluminum oxide with anhydrous hydrogen fluoride so that the introduced fluorine amount corresponds to 95% by weight or more.
- 5. (Previously presented) A process according to claim 4, wherein the reaction temperature is at least 100°C.
- 6. (Previously presented) A process according to claim 5, wherein the reaction temperature is in the range of 100°C 160°C.
- 7. cancelled

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8. (Currently amended) A process in gaseous phase to obtain CFC 113a from CFC 113, wherein CFC 113, optionally diluted with a gas inert under reaction conditions, is let flow on a catalyst consisting of aluminum fluoride in a fixed or fluidized bed at a reaction temperature of from 50°C to about 183°C, wherein the content of CFC-113a in the final reaction mixture is at least 77.73% to 84.73% by weight.

- 9. (previously presented) A process according to claim 8, wherein CFC 113 is used in admixture with CFC 113a.
- 10. (previously presented) A process according to claim 8, wherein the fed CFC 113 amount, expressed as weight ratio between CFC 113/(catalyst x hour), is in the range 0.5-1.5.
- 11. (currently amended) A process according to claim 8, wherein the aluminum fluoride is obtained by fluorination of fluorinating an aluminum oxide with anhydrous hydrogen fluoride so that the introduced fluorine amount corresponds to 95% by weight or more.
- 12. (previously presented) A process according to claim 11, wherein the reaction temperature is at least 100°C.
- 13. (previously presented) A process according to claim 12, wherein the reaction temperature is in the range 100°C 160°C.
- 14. (Currently amended) A process according to claim 8, wherein the content of residual

  CFC-113 in the obtained CFC -113a CFC-113 in the final reaction mixture is lower than 1% by weight based on CFC-113a and CFC-113 present in the mixture.

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15. (Currently amended) A process according to claim 8, wherein the content of CFC-113a CFC-113 in the <u>final</u> reaction mixture is <u>from 0.35% by weight to</u> at most 0.97% by weight.

- 16. (Currently amended) A process in gaseous phase to obtain CFC 113a starting from CFC 113, wherein CFC 113, optionally diluted with a gas inert under reaction conditions, is let flow on a catalyst consisting of aluminum fluoride in a fixed or fluidized bed at a reaction temperature of from 100°C to 160°C, wherein the content of residual CFC-113 in the obtained CFC-113a in the final reaction mixture is less than or equal to 0.9% by weight based on CFC-113a and CFC-113 present in the mixture.
- 17. (previously presented) A process according to claim 16, wherein CFC 113 is used in admixture with CFC 113a.
- 18. (previously presented) A process according to claim 16, wherein the fed CFC 113 amount, expressed as weight ratio between CFC 113/(catalyst x hour), is in the range 0.5-1.5.
- 19. (currently amended) A process according to claim 16, wherein the aluminum fluoride is obtained fluorination of fluorinating an aluminum oxide with anhydrous hydrogen fluoride so that the introduced fluorine amount corresponds to 95% by weight or more.